![UPCOM logo]

# Industrial PoE Switch     PIES206-2C-4P

◆ **4-port 10/100/1000M Base-T (x) PoE + 2 Gigabit Combo port   Unmanaged**

## ➤ Features

- Support 4-port 10/100/1000Base-TX POE and 2 Gigabit Combo port
- Support:IEEE802.3/IEEE802.3i/IEEE802.3uIEEE802.3ab/IEEE802.3z, IEEE802.3af/at, store and forward
- Ethernet ports support 10/100 / 1000M adaptive and POE functions
- Compatible with both IEEE802.3at(30W) andIEEE802.3af(15.4W)
- IP30 protect grade, high strength iron shell, DIN35 Rail installation
- Industrial grade 4 design, -40 to 75 ℃ working temperature
- Input Voltage : DC48V (48～55V)

## ➤ Introduction

The PIES206-2C-4P is a kind of industrial PoE Switch, it support 4-port 10/100/1000Base-TX POE and 2 Gigabit Combo port

It supports rail and wall mount, Supports power input (DC48-55V). Operating temperature range -40 ℃ ~ +75 ℃. Through the industrial environment certification and in line with FCC, CE, CCC standards. Reliable industrial design allows you to ensure that your automation system is running without interruption.

This series of industrial POE switches can be widely used in wind power, power, assembly automation, subway PIS, power SCADA, sewage treatment, metallurgy, intelligent transportation, rail transportation, military and other industries, is a green low-power industrial Ethernet switches

## ➤ Application Industries

- HD monitor transmission and power supply
- Wireless AP layout transmission and power supply
- Network telephone transmission , intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Security protection system, TV medical treatment
- Long-distance Muti-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com project

## ➢ **Specification**

| Interface | |
|---|---|
| RJ45 port | 10Base-T/100Base-TX/1000Base-TX Self-adaption, Half/full duplex and MDI/MDI-X auto detect |
| Gigabit fiber port | 1000Base-FX |
| Network Protocols | Support IEEE802.3,IEEE802.3u,IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.1d, IEEE802.1w |
| Forwarding Mode | Store-And-Forward |
| **PoE Specification** | |
| PoE Standard | Supports both IEEE802.3af and IEEE802.3at |
| Single PoE Port Power Output | Max. 15.4 watts (IEEE 802.3af) <br> Max. 30 watts (IEEE 802.3at) |
| PoE port Auto detect | AF/AT |
| PoE Port Output Voltage | DC48V |
| Power Pin Assignment | 1/2+;3/6- |
| Network Media | 10BASE-T: Cat3,4,5 UTP(≤100 meter) <br> 100BASE-TX: Cat5 or later UTP(≤100 meter) <br> 1000BASE-TX: Cat6 or later UTP(≤100 meter) |
| Fiber Media | Multi-mode: 1310nm, 2Km <br> Single-mode: 1310nm, 20;  1550nm, 40/60/80Km |
| **Performance Specification** | |
| Bandwidth | 12Gbps |
| Buffer Memory | 1M |
| Forwarding Rate | 1488000pps/port |
| Address Table | 2K |
| **LED indicator** | |
| Fiber Run indicator: | FX1,FX2 |
| Power supply indicator | PWR |
| PoE ACT indicator | LED-Green |
| 1000M LINK indicator | LED-Yellow |
| **Power supply** | |
| Input Voltage | DC48V (48～55V) |
| Type of input | 6 bits terminal block |
| No-load consumption | MAX 5W@ DC52V0.1A |
| Full-load consumption | MAX 65W@ DC52V1.25A (802.3af) <br> MAX 104W@ DC52V2A (802.3af+) <br> MAX 130W@ DC52V2.5A (802.3at) |
| Working temperature | -40～75℃ |
| Storage temperature | -40～85℃ |
| Relative Humidity | 5%~95 %( no condensation) |
| Shell | IP30 protect grade, metal shell |
| Installation | DIN-Rail or Wall mount |
| Weight | 800g |
| Size (W×H×D) | 145mm×125mm×40mm |

| Industry Standard | |
|---|---|
| EMI | FCC Part 15, CISPR (EN55022) class A |
| EMS | EN61000-4-2 (ESD) |
| | EN61000-4-4 (EFT) |
| | EN61000-4-5 (Surge) |
| Shock | IEC 60068-2-27 |
| Free fall | IEC 60068-2-32 |
| Vibration | IEC 60068-2-6 |
| Certification | CE mark, commercial, |
| | FCC Part 15 Class B, |
| | VCCI Class B, |
| | EN 55022 (CISPR 22), Class B |
| MTBF | 300,000 hours |
| Warranty | 5 years |

## ➢ **Dimension**
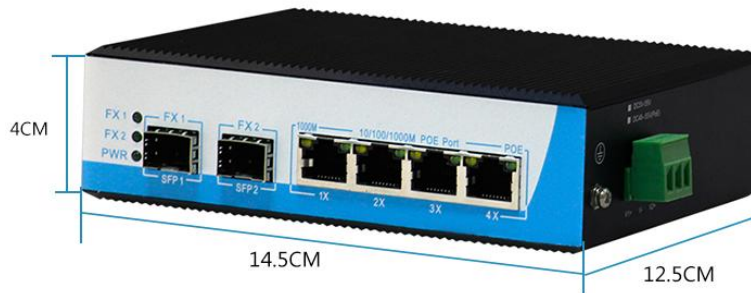
## ➢ Application
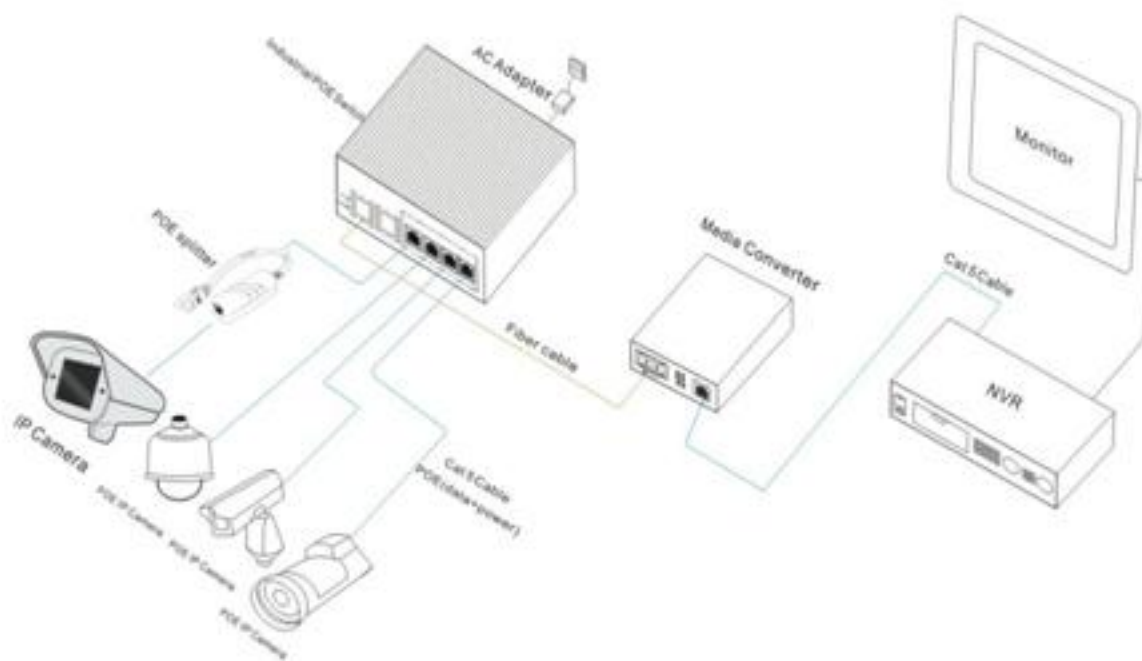


## ➢ Order information

| Model NO. | Description |
|---|---|
| PIES205G | 4-port 10/100/1000Base-T(X) PoE + 1-port 10/100/1000Base-TX UP-link, DC48V |
| PIES20G-GF-4P | 4-port 10/100/1000Base-T(X) PoE + 1-port 1000Base-FX, DC48V |
| PIES206-2GS-4P | 4-port 10/100/1000Base-T(X) PoE + 2-port Gigabit SFP slot ,DC48V |
| PIES2012-2C-8P | 8-port 10/100/1000Base-T(X) PoE + 2-port Gigabit SFP slot ,DC48V |

## ➢ Packing List

- Unmanaged Industrial PoE Switch (plus terminal block) ×1
- User manual ⅹ 1
- Certificate of quality ⅹ 1
- Warranty card ⅹ 1
- DIN-Rail mounting kit ⅹ 1